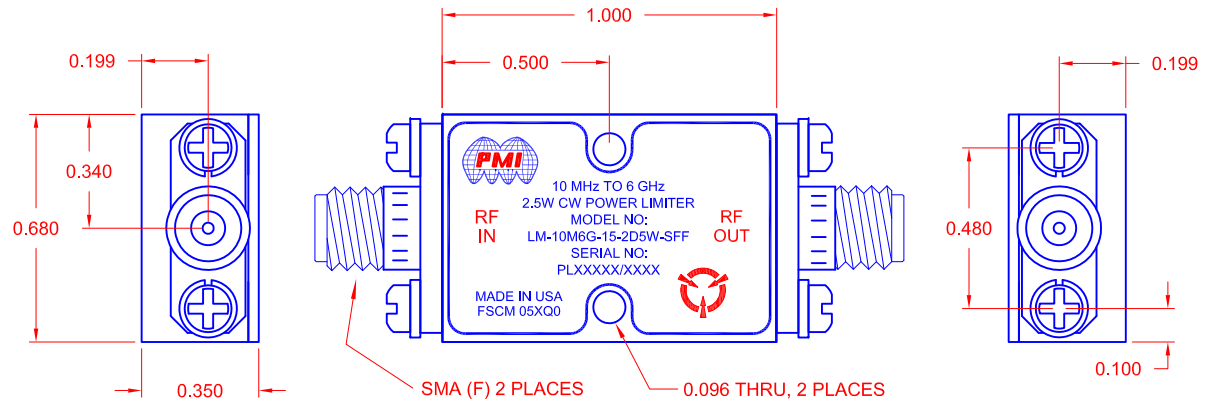


DESCRIPTION

PMI MODEL: LM-10M6G-15-2D5W-SFF IS A HIGH POWER LIMITER OPERATING IN THE FREQUENCY RANGE 10 MHz TO 6 GHz,(Usable to 10GHz) WITH 2.5W OF CW POWER HANDLING (+34 dBm). AND 3W PEAK POWER (+35dBm), 1 μ s, 1 % DUTY CYCLE. THIS COMPACT HOUSING IS FITTED WITH SMA FEMALE CONNECTORS.

SPECIFICATIONS

- FREQUENCY RANGE 10 MHz to 6 GHz (Usable to 10GHz)
- POWER HANDLING 2.5W (+34 dBm) CW Max.
3W Peak (+35dBm) Max., Pulse 1 μ s 1% Duty Cycle
- INSERTION LOSS 2 dB Max.
- VSWR (IN/OUT) 1.8:1 Max.
- FLAT LEAKAGE POWER +23 dBm Typ.
- RECOVERY TIME 100 ns Max.
- CONNECTORS SMA FEMALE
- PACKAGE SIZE 1.00" x 0.68" x 0.35"
- PACKAGE FINISH BLUE PAINT



ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -40 °C TO +85 °C (OPERATING)
-55 °C TO +125 °C (STORAGE)
- HUMIDITY: ----- MIL-STD-202, METHOD 103B COND. B
- SHOCK: ----- MIL-STD-202, METHOD 213B COND. B
- VIBRATION: ----- MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: ----- MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: ----- MIL-STD-202, METHOD 107D COND. A

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	4/4/18	

PLANAR MONOLITHICS INDUSTRIES, INC.
7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: (301)-662-5019, FAX: (301)-662-1731
WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN		ALC		PRODUCT FEATURE	
CHECKED				LM-10M6G-15-2D5W-SFF	
ISSUED				10 MHz to 6 GHz 2.5W CW Power Limiter	
SIZE		FSCM NO.		DWG NO.	
A		05XQ0		27034686	
SCALE		N:S		SHEET	
				1 OF 1	